

CLAIM AMENDMENTS

Please **cancel** non-elected claims 6, 7, and 11-13 without prejudice to or disclaimer of the subject matter contained therein. Please **amend** claims 1-3, 5, and 8. Please **add** claims 14-18.

1. (Currently Amended) A substantially purified nucleic acid molecule comprising a nucleic acid sequence ~~selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 43 and~~ of SEQ ID NO: 2 or the complement[[s]] thereof.
2. (Currently Amended) A substantially purified nucleic acid molecule that encodes a protein comprising an amino acid sequence ~~selected from the group consisting of SEQ ID NO: 44 through SEQ ID NO: 86 of~~ SEQ ID NO: 45.
3. (Currently Amended) A transformed cell or organism comprising a nucleic acid molecule comprising a nucleic acid sequence ~~selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 43 and~~ of SEQ ID NO: 2 or the complement[[s]] thereof.
4. (Original) The transformed cell or organism according to claim 3, wherein said cell or organism is a plant cell or plant.
5. (Currently Amended) The transformed cell or organism according to claim 4, wherein said cell or organism is a plant cell or plant selected from the group consisting of cotton, wheat, maize, teosinte and soybean.
- 6-7. (Cancelled)
8. (Currently Amended) A transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; (B) a structural nucleic acid molecule encoding a protein comprising an amino acid sequence ~~selected from the group consisting of SEQ ID NO: 44 through SEQ ID NO: 86 and fragments thereof~~ of SEQ ID NO: 45, and (C) a 3' non-translated sequence that functions in a plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

9. (Original) The transformed plant according to claim 8, wherein said plant is maize.

10. (Original) The transformed plant according to claim 8, wherein said plant is soybean.

11-13. (Cancelled)

14. (New) A substantially purified nucleic acid molecule consisting of a nucleic acid sequence of SEQ ID NO: 2 or the complement thereof.

15. (New) A substantially purified nucleic acid molecule comprising a nucleic acid sequence having between 100% and 90% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or the complement thereof.

16. (New) The substantially purified nucleic acid molecule of claim 15, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 95% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or the complement thereof.

17. (New) The substantially purified nucleic acid molecule of claim 16, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 98% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or the complement thereof.

18. (New) The substantially purified nucleic acid molecule of claim 17, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 99% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or the complement thereof.